

Image may be representation.
See specifications for product details.



EP1S60F1020I6

Manufacturer Part Number	EP1S60F1020I6
Manufacturer	Intel
Allelco Part Number	32D-EP1S60F1020I6
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 773 I/O 1020FBGA
Package	1020-BBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Stratix Device Datasheet.pdf Stratix Device Handbook.pdf Stratix Device Handbook Vol 2.pdf

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Specifications

EP1S60F1020I6 Tech Specifications

EP1S60F1020I6 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.425V ~ 1.575V	Number of Logic Elements/Cells	57120
Total RAM Bits	5215104	Number of LABs/CLBs	5712
Supplier Device Package	1020-FBGA (33x33)	Number of I/O	773
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	1020-BBGA	Base Product Number	EP1S60
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S60F1020I6

Product Attribute				
Part Number	EP1S60F1020I6	EP1S80F1020C5N	EP1S80F1020C5	EP1S80B956C6
Manufacturer	Intel	Intel	Altera	Altera
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	773	773	773	683
Number of LABs/CLBs	5712	7904	7904	-
Series	Stratix®	Stratix®	Stratix®	Stratix®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	1020-BBGA	1020-BBGA	1020-BBGA, FCBGA	956-BBGA, FCBGA
Supplier Device Package	1020-FBGA (33x33)	1020-FBGA (33x33)	1020-FBGA (33x33)	956-BGA (40x40)
Number of Logic Elements/Cells	57120	79040	79040	-
Base Product Number	EP1S60	EP1S80	-	EP1S80
Package	Tray	Tray	Bulk	Bulk
Total RAM Bits	5215104	7427520	7427520	-

EP1S60F1020I6 Datasheet PDF

Download EP1S60F1020I6 pdf datasheets and Intel documentation for EP1S60F1020I6 - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

Stratix Device Datasheet.pdf

Stratix Device Handbook.pdf

PCN Packaging

All Dev Pkg Chg 1/Aug/2018.pdf

Mult Dev Dessicant Chg 19/Jul/2019.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Obsolescence/ EOL

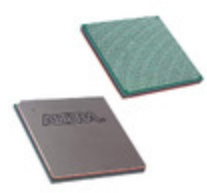
Cylindrical Battery Holders.pdf

HTML Datasheet

Stratix Device Handbook Vol 2.pdf

Customers Also Interested in

Recommended Products



EP1S80F1020C5N

Intel
IC FPGA 773 I/O 1020FBGA



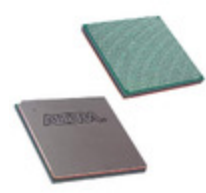
EP1S80F1020C5

Altera
IC FPGA 773 I/O 1020FBGA



EP1S80B956C6

Altera
IC FPGA 683 I/O 956BGA



EP1S60F1020C7

Intel
IC FPGA 773 I/O 1020FBGA



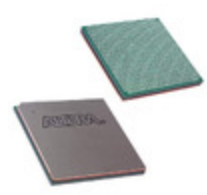
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Intel
IC FPGA 615 I/O 780FBGA



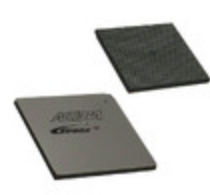
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Altera
IC FPGA 683 I/O 956BGA



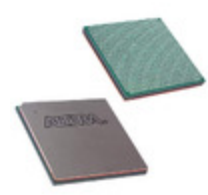
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Intel
IC FPGA 773 I/O 1020FBGA



EP1S60B956I7

Intel
IC FPGA 683 I/O 956BGA



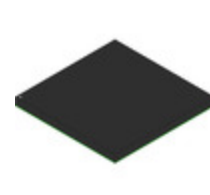
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Intel
IC FPGA 773 I/O 1020FBGA



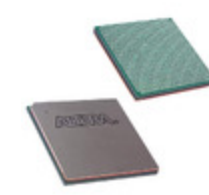
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Intel
IC FPGA 615 I/O 780FBGA



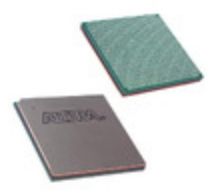
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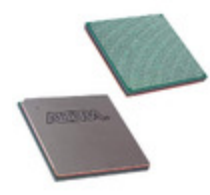
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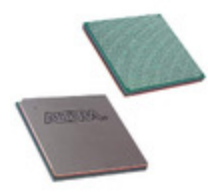
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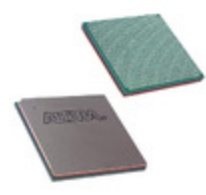
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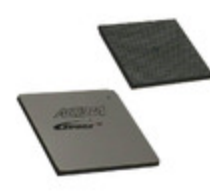
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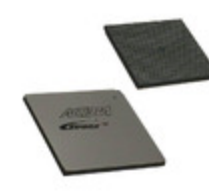
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Intel
IC FPGA 683 I/O 956BGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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